Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 01 Oct 2021 until 23:59 on Saturday 02 Oct 2021

Forecast Issued on Thursday 30 Sep 2021 at 16:15

Confidence: High for unsettled and often windy conditions throughout the period. Lower confidence in the details and timing of rain, particularly through the weekend.

Headline for Friday 01 Oct 2021: Early rain clearing to give a bright day with the risk of a blustery shower.

Mountain weather hazards on Friday 01 Oct 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Light rain showers	Sunny intervals	Light rain showers	Light rain showers (night)	Light rain showers (night)
Precipitation probability							
80%	90%	80%	60%	20%	30%	30%	40%

Forecast for Friday 01 Oct 2021

Weather: Persistent, locally heavy, rain and patchy low cloud will clear during the morning to leave a brighter day with some good sunshine but also some isolated showers. These showers will be fast moving in the strong westerly/southwesterly winds but could be heavy if you see one with a low risk of hail and thunder. Conditions remain similar overnight, generally clear but with the risk of an occasional shower persisting.

Chance of cloud free mountain/hill tops above 600m: 40% during the early morning but improving to become more than 90% by the afternoon.

Visibility: Patches of low cloud obscuring hills above 500m through the morning, giving some poor visibilities, particularly in association with more persistent rain. Cloud lifting to well above summits into the afternoon with very good visibility in general, though falling quickly to a few kilometres in any showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Friday 01 Oct 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/39 SW	25/35 SW	25/35 SW	27/38 SW	24/35 W	22/33 W	19/28 SW	20/30 SW	20/29 SW
300	21/32 SW	18/28 SW	19/29 SW	20/31 W	19/31 W	18/28 W	14/24 SW	14/23 SW	13/23 SW
Valley	13/30 SW	12/27 SW	13/28 SW	15/31 W	16/32 W	15/30 W	10/23 SW	9/23 SW	9/22 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/6	8/4	8/3	8/3	8/4	7/2	6/1	5/0
300	12/8	12/9	11/7	10/7	11/7	11/8	9/6	8/5	7/4
Valley	12/10	12/10	11/9	11/8	12/9	12/9	10/8	8/6	8/5
Freezing Level*	2300m	2200m	1900m	1600m	1400m	1300m	1400m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong blustery winds likely though the day and these could locally gust to 35-45mph over the highest tops and in association with any heavy showers during the afternoon. These strong winds giving a very cool feel to the day at higher levels despite the bright conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 30 Sep 2021	4.8mm	16mm	21.2mm

Forecast for Saturday 02 Oct 2021

Weather: Largely dry and clear to start but outbreaks of rain will spread into the area through the afternoon and turn heavy and persistent, with strong winds at times as an area of heavy rain crosses the after through the day. This will clear into the evening to leave drier, clearer but still windy conditions with the risk of showers overnight.

Maximum wind: Southeasterly winds meaning 20-25mph and gusting 30-35mph are possible into the afternoon.

Chance of cloud free mountain/hill tops above 600m: 90% to start but reducing through the morning to become 30% into the afternoon and evening.

Visibility: Patchy low cloud possible to start obscuring the highest peaks above 600m, but this will tend to thicken and lower into the afternoon to give widespread low cloud above 200-300m by the evening and some poor visibility in persistent rain. Conditions will improve overnight as rain clears away.

Temperature: **Valleys:** Plus 8 Celsius, becoming Plus 11 Celsius during the day.
At 600m: Plus 7 Celsius
Freezing level: Above summits.

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